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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Inventors: Takayuki MURAKAMI, et al.

Application No.: 10/542,653

Filed: July 19, 2005

For: RECEPTION APPARATUS AND RECEPTION METHOD

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner of Patents
Washington, DC 20231

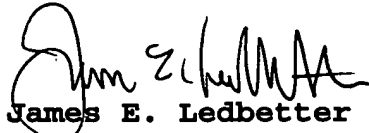
Dear Sir:

Pursuant to Rules 56 and 99, Applicants hereby call the attention of the Patent Office to the art listed on the attached Form PTO 1449. All of these references were cited in an Japanese Office Action dated November 15, 2005 (copy attached). JP '097 corresponds to US '599. JP '957 is already of record (IDS filed July 19, 2005).

Applicants present this art so that the Patent Office may, in the first instance, determine any relevancy thereof to the presently claimed invention, see Beckman Instruments, Inc. v. Chemtronics, Inc., 439 F.2d 1369, 1380, 165 USPQ 355, 364 (5th Cir. 1970). Also see Patent Office Rules 104 and 106. Applicants respectfully request that this art be expressly considered during the prosecution of this application and made of record herein and

appear among the "References Cited" on any patent to issue herefrom.

Respectfully submitted,



James E. Ledbetter
Registration No. 28,732

Date: February 15, 2006

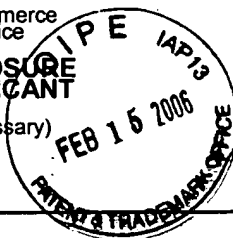
JEL/ejw

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FORM PTO-1449 U.S. Department of Commerce
(Rev. 4/92) Patent and Trademark Office

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)



ATTY. DOCKET NO.

L9289.05156

SERIAL NO.

10/542,653

APPLICANT

Takayuki MURAKAMI, et al.

FILING DATE

July 19, 2005

GROUP

Unassigned

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|-----------------|---------|-------------|-------|----------|-------------------------------|
| | 5 7 5 4 5 9 9 | 05/1998 | Ling et al. | | | |
| | | | | | | |

FOREIGN PATENT DOCUMENTS

| DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
|------------------|---------|---------|-------|----------|-------------|
| | | | | | YES NO |
| 2001 1 1 1 4 5 5 | 04/2001 | JP | | | Partial |
| 1 1 5 0 2 0 9 7 | 02/1999 | JP | | | Abstract |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Japanese Office Action dated November 15, 2005 with English translation.

M. Vollmer, et al., "Comparative Study of Joint-Detection Techniques for TD-CDMA Based Mobile Radio Systems," IEEE Journal on Selected Areas in Communications, vol. 19, no. 8, pages 1461-1475, Aug. 2001.

T. Kawahara, et al., "Joint Decorrelating Multiuser Detection and Channel Estimation in Asynchronous CDMA Mobile Communications Channels," IEEE Transactions on Vehicular Technology, vol. 44, no. 3, pages 506-515, Aug. 1995.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.